

O T V A R C

Jan.-Feb. 1981

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB

NEXT MEETING: Wednesday, February 18. 6:30 for dinner.
7:00 for meeting. WHERE: *NORTHS CHUCKWAGON* BEAVERTON MALL

NEW MEETING PLACE-NEW MEETING PLACE-NEW MEETING PLACE-NEW-NEW.

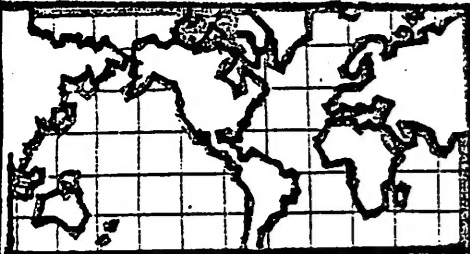
Right on-we have outgrown Elmers and the only other place in the valley that could take care of us and handle further growth was Norths. Hate to lose the good old cheeseburger basket but the general concensus of the membership was that we were too crowded and so-to save the ship and still make din-din available to those who need it, this move was neccessary. Quite sure that there are a few of you who do not have a great liking for Chuckwagon meals but no other choice was available. The room will handle 150 and they have a PA system built in. This should make a couple of our members very happy! No more messing around with setting up of speakers and etc.. Really, the room is excellent and will give us all the space we need to handle future growth as well as enabling us to show a filmed program that all can see-without moving chairs. SURE hope that the membership is in agreement....

PROGRAMS

The 'Sattelites of Hughes' movie was not available due to the fact that the club who had it did not send it back in time to be sent to us. Wes had every intention of giving us the real skinny on the infra-red camera system but the man who had the equipment was called to a meeting and-the tapes that were to be used as a back-up, just in case, were not the ones that were applicable to the program. Quite sure it was embarrasing to Wes, who had the best intentions. Good programs are very difficult to get. As evidenced by the lack of members who were willing to be on a program committee. It is hoped we can get away with an occasional goof.... Got some good ones coming!!!!

WOW

Almost 90 people at the meeting and we went from 97 members to 106. A BIG thnks from the officers for the support!!



DX WORLD

Lloyd and Iris

The Colvins must be tired of California as they are off again to other parts of the world. Lloyd, W6KG, and his XYL, Iris, W6QL, are part of the YASME Foundation, born out of the old Danny Weil days. Here is a letter from the Colvins, dated 27 October 1980 at Crete Island, where they had just finished operating as W6KG/SV9.

Dear Friends. We departed California on 1 October 1980 and flew directly to Athens, Greece. The next 10 days were spent clearing customs and obtaining our licenses. It was only through the efforts of Cliff Saccalis, SV1JG, and Charles Jackson, SV0AA, that we got our licenses that fast. Anyone going to Greece should apply at least two months before arrival!

We got on the air from Crete Island as W6KG/SV9 on 12 October and by 26 October we had 9,500 QSOs, half phone and half CW. We worked stations in 142 countries and were on all bands permitted in Greece. 160 meters is not permitted yet for use by Greek amateurs. Operation on 40 meters is limited to 7000 kc through 7100 kc, and on 80 meters to 3500 kc through 3600 kc. We were on 48 hours in the CQ World-Wide Phone Contest and made the highest score for Crete.

The tourist business is a major industry in Greece, and, as a result, all of the islands have great numbers of hotels and everyone in the hotels and shops speaks English.

We try to use Lloyd's call in one country and Iris' call in the next. From here, we go to Rhodes Island in the Dodecanese and will use Iris' call there as W6QL/SV5.

We expect to be on the air almost continuously for six months. Please pass the word to everyone. 73 es 88, Lloyd Colvin, Iris Colvin, W6QL.

Nigeria

Dave Guthrie, 5N0DOG is probably the most active station from Nigeria. I have reviewed the DX bulletins and have found some additional stations that have been reported. Look for 5N9GM on 21.305 at 0100 UTC, or 28.597 MHz at 1100 UTC; 5N20FAV on 21.296 MHz at 2230 UTC; and 5N20RMJ on 28.561 MHz at 2200 UTC or 1200 UTC.

Those 5N20 calls were used in October celebrating 20 years of independence for Nigeria. The two calls above, 5N20FAV and 5N20RMJ, will be using their normal district numbers by now, whatever they may be.

Guinea

There is another signal out of this one. Ian Doncaster, VK4NIC/3X, is an Australian Novice who is there as a pilot on a geodetic survey and should be there for about six months. He can operate only in the 10 and 15 meter bands, but on both CW and SSB. He runs 100 watts to a wire antenna.

Ian's interest is ragchew, but he is an understandable chap and will make an attempt to work the mob via the list method. Reports have given him recently found on 28.500 to 28.510 MHz after 2000 UTC. Ian has also been found on 21.155 MHz working Europeans at 2200 UTC.

Suggested frequencies to look for VK4NIC/3X are 21.202 MHz from 0500 UTC and on, or about 28.505 MHz at 2145 UTC weekdays and 1600 to 1700 UTC on weekends. Your QSL cards should be routed via John Parrott, Jr., W4FRU.

Now if you are the Dx'er who always knows what is going on, then you probably have already heard the other station from Guinea that was to have been on over New Year's. EL2CA/3X is the other one and is reported to have all the necessary documentation to satisfy the DXCC requirements.

Regarding the operation of LA5KC/3X, (see November issue of Worldradio), Don Search of ARRL headquarters reports they still have not received any documentation from them. Don has written to them, but has had no reply as of this writing.

DX communications information

James J. Coleman, KA6A

It has been argued many times that most QSOs with DX stations are simply an exchange of signal reports and that the international brotherhood of Amateur Radio is largely a myth. Some amateurs do, indeed, want only short contacts. However, there are probably many amateurs who just do not know enough about the countries they are working to carry on a longer conversation. Even if your only concern is the QSL card, some of the big guns will tell you that a DX station is more likely to QSL if the contact is interesting.

There are obviously a number of ways to alter this situation. One way to learn some more information about the various countries you might work is to take a few history or political science courses at the local university. Another is to keep your set of encyclopedias near the radio. I think I have found an alternative solution that is not only useful in the shack but

may be useful as well for your school-age children.

The United States Department of State publishes a series of background notes on every country of the world and selected international organizations. There are a total of 160 notes which are updated regularly. Each note is four to six pages long and includes a map and concise information on the history, geography, culture, government, politics, and economy of each country. The key word is concise and each section, though not long, has a large amount of interesting information. There is also a short section for potential visitors.

The notes are punched for a three-ring binder and the complete set could easily sit along-side your radio for ready reference. A subscription (1 year, about 75 notes) is available for \$16 from the U.S. Government. For information write to: Background Notes PA/PC, U.S. Department of State, Washington, D.C. 20520. □

YASME FOUNDATION

Lloyd and Iris Colvin have been traveling the world for a number of years and have been a great help to the avid DXer. They ask for a dollar donation when requesting a QSL card and it is only fair as that is the way they finance their DX-peditions. Neat for them, no question, but were it not that Lloyd is a retired Air Force officer and more often than not gets a free ride, there would be no DX trips. The green stamp contribution is not enough. So-if you make a contact with them, be sure to send a buck....

YASME FOUNDATION
PO BOX 2025
CASTRO VALLEY, CALIF.
94546

Saw their seminar at a Reno convention.
Very nice people....

GOOD DXing..

RAFFLE

So long as we have raffle donors, there will be mention made in the newsletter. It is difficult to come up with other ways of saying thanks each month other than to say thanks the same old way. The Watt Shop donated a computer programming book, QSL card holders, two very trick mini screwdriver sets and a \$30.00 slide rule calculator. Portland Radio gave us a number of things among which was a hardbound call book cover and best of all, a 10 through 80 meter dipole set with a retail of \$40.00. Joe and Dan are TOPS...

PORTLAND RADIO - THE WATT SHOP

Give them a piece of YOUR action.

MARIANNE-KA7CVR-A CUTE CHICK



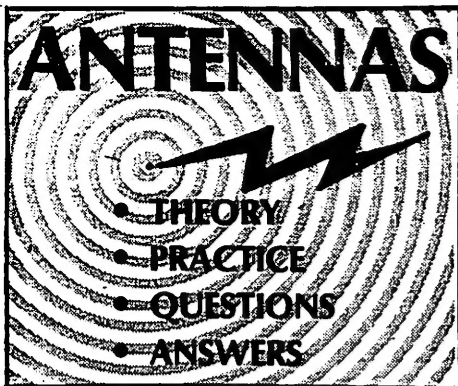
NEW MEMBERS-Welcome!

A welcome hand to the following: Doug Bull-N7CDI, Don Branda-KA7HOI, Wallace Boleen-KA7HJV, Len Williams-KE7L, Todd Fujinaka-WB7TKY, Cary Hagg and Frances Hagg-novice students, and last but not least, Sherry Boyd-KA7GLX, who is the wife of WB7VTG-our Xerox expert. Greetings to all and our thanks to you for joining us. It is hoped that you will enjoy the club and it's activities.

CLUB JACKETS

GET YOURSELF A GOOD JACKET AND DO A LITTLE PR WORK FOR THE CLUB!!!!!!

Call Warren, W7JDT at 644-0752



WILL OAR

With the myriad of antenna books on the market it is amazing some of the things one hears on the bands about antennas. Maybe the people who buy them are using them as doorstops.

One recent conversation heard in the portion of the 40-meter band reserved for those who supposedly know more went like this, "I just don't know what's wrong. I cut this antenna exactly to the length in the book and the SWR is really high. I've gone out and measured it several times with a yardstick and it's exactly right. Can't figure it out." It later came out that the antenna was about 20 feet above the ground.

Maybe the FCC should get some of that really dumb stuff out of the test and ask if height above ground affects impedance.

Who knows, there might be an old junk car buried under your antenna, or maybe a silver mine. Anything can affect the antenna, and the lengths in the charts are nothing more than starting points!

One interesting experiment is changing the apex angle of an inverted V antenna, watching the SWR change and correcting the situation with little pigtailed hung on the ends of the antenna. Small changes in where the ends are tied down and the steps necessary to compensate can be illuminating as to the nature of antennas.

Another off-heard statement, that should get an FCC citation from the monitoring station, is "I cut two feet off the feed-line and the SWR came down." While the measurement may have changed, the true SWR did NOT. (NOT NOT is the way the wire services used to send NOT so if a garble knocked out one NOT the other would make it through and the sentence would not change meaning as in "not guilty".) Well, anyone saying that changing feed-line length has anything to do with real SWR is indeed GUILTY of "junk-radio". Now, the truth is (sadly enough) with those \$3.98 SWR meters, any reading is doing nothing more than just amusing the operator.

Here is a statement that sets many teeth rattling, always among those who will never try the tests to see if it is true. "An SWR reading taken at the station position through a random length of coax is meaningless." Truer words have never been uttered. The reading you get through a random length is telling you it can be no lower than that, but it can be anything higher.

There are only two ways to know what is really happening. One way is to measure the SWR at the antenna itself. For most, that method is not overly practical. The other method is almost like a free lunch. But it is not without controversy. One seminar speaker would dash from convention to convention saying that it was bunk. However, what cannot be disputed is that "a half-wavelength line will mirror whatever impedance it sees at the other end." That would mean you could measure accurately from a distance. You can use the multiples of a half-wavelength line and see what is really happening "up there".

Unfortunately, the velocity factor figures published for coax vary not only from roll to roll, but also in the length itself. There is only one way to have any real idea of what is going on and that is with the noise bridge. My favorite is the Palomar.

With your station receiver tuned to the frequency you will center your system at, you can cut the line right to the spot. The directions say to push a pin in, listen for the null, then pull the pin out and look at a different place and see if the noise goes down.

Not many of us have sound level memories of any accuracy built into our heads. So, a better method is to use two pins. Push one in. Listen. Push another pin in, up the line and then pull out the other. You will have an instant change to judge from.

Going in the other direction, push in one pin, listen, then push in another pin closer to the receiver. Seeing if the noise goes up or down tells you which way to move.

Two cautions to folks just getting into this game. One radio store owner told me of an unhappy customer flinging a noise bridge on the counter and demanding his money back because it didn't work! Turned out he thought "null" meant get louder. It means get softer.

Also, do NOT transmit through a noise bridge or you will have an ex-noise bridge on your hands.

Here's a trick if you live in a noisy location, like over a drugstore with a bad neon sign or next door to a Volkswagen garage. Say you have a dipole up. Take two pieces of identical length coax. Put the center conductor of one length on the left side of the center insulator. Put the center conductor of the other piece on the right side of the center insulator. Bond the shields together. Then when you come into the station, put one center conductor to one terminal of the antenna tuner; put the other center conductor on the other terminal. Bond the shields together and ground them. NOTE: this has to be one of the two-wire tuners, not the little one-wire feed jobs. The ambient noise will go down considerably, and with quieter reception, little weak signals will be heard.

Then with your perfectly cut line on your hands, you can hook up to your antenna and bridge the antenna. The Palomar can tell you if the antenna is long or short. Then after appropriate trimming, the nulls should all fall at the right place. If all looks good, you can put a true reading wattmeter in the line, look at the reverse power and know that this is the real thing. It is a delight — sheer beauty — to see no reflected power and know that, for this particular antenna system, it is as good as it could be. If you see one or two watts coming back, it is hardly worth another trip outside. Unless, of course, you are a QRPer running two watts forward.

FCC

Amateur Service interference problems which seem to predominate are: 1) amateur to amateur, and 2) amateur to home entertainment equipment, according to the Investigations Branch of the FCC's Field Operations Bureau. The level of deliberate amateur-to-amateur interference in the high frequency bands seems to remain about the same, in that those caught and put off the air are apparently being replaced by newcomers at this sick practice. Complaints of deliberate interference in the 2-meter band seem to be growing and there is some increase in the interference to home entertainment equipment.

Some operators who have gone to the trouble to limit the access to their repeaters via PL or other tone access codes, to prevent violative use of the repeater, complain that non-members record and use the access tones to actuate the repeater. They ask: Do they have the right to expect FCC to help them protect their operation by issuing violation notices when an "outsider" does this without permission? At present, the answer is yes. FCC will issue a violation

The 220 MHz band is again being eyed by other Services according to the 14 November 1980 issue of *HR Report*, as "current rumors from Washington". The so-called typo in FCC General Docket 80-1 Notice which proposed 216-225 MHz for inland waterways use was cited by *HR Report*. Also mentioned by *HR Report* was a December *Popular Electronics* article on cordless phones, which says manufacturers are looking to FCC for new frequencies in either the 27 or 220-225 MHz bands for these devices!

Paid your DUES?

Why Not?

RESULTS-ANNUAL SURVEY

Includes meeting, activities and general comments. pro @ con.

*Want summer picnic meeting-Need to get more members motivated in 81 and club will be perfect.

*Be great if we could have a weekly get-together such as a Sat. morning breakfast at a local restaurant. Also, have a yearly auction-See that the up to date Oregon Region Relay Council rpt. list gets in the newsletter when it comes out. We could use more PR activities, like setting up a traffic/demo station at some public place-Have round robin every 3 months.

*Want more operating tips for novices and new generals-Keep up the good work.

*Member profiles (ham of the month??) and guest articles. Have made many lifetime friends via OTVARC-Club is important to me.

*Super year-Would like more technical articles.

*More technical info-Am against limiting attendance to club members, as heard from some sources. If this happens, I would drop membership.

*Less social and more operating activities-Hidden tx hunts.. Too many important decisions made by officers without reference to membership. Such as selection of FD site and program, purchase of equipment, Decision to violate FD rules (erection of antennas) etc..

*More educational meetings-Technical info-This is a good club. Keep up the good work. A better place to meet might be in order.

*Public service is high on my priorities-I have very little time for meetings of OTVARC-Nothing is perfect but I sure can't criticize the good job of Berg and crew.

*Summer time picnic again-Doing good-Keep up the good work, it is greatly appreciated.

*Workshops on technical aspect of the hobby-Officers do not request enough input from general membership-There exists a click which runs the events-Object to the way 1980 FD was run-OTVARC did not run FD in accordance with rules and regs-Not even in the spirit of fair play.

*Public service activities-More pics(newsletter)-Get a larger more comfortable place to accomodate our club needs.

*One or two xmtr hunts-The existing letter and subjects are ok-I feel the direction the club is going is right-If it becomes too much business it could lose some of it's charm.

*I am new to the club and because there are so many members to get to know, I think a list of occupations, interests or outside organizational affiliations could be published in the membership list to help a larger number of members to get acquainted.

*Super-Well organized-Fun for all-Lots of "DOERS".

- *Need technical get-togethers-Need a lot more socializing and member participation.
- *Keep up the good work.
- *Want ads.
- *Want ads.
- *Club QSO party with special QSL cards or certificate. No club roster in every issue-Publish club roster once yearly with quarterly update.
- *An occasional dinner-dance, possibly at an Elks Lodge (for economy). I like the "work party" concept for several (or more) people to modify, work on, improve, a common piece of equipment (10 m FM).
- *I need an "Elmer"-Maybe a little more novice level stuff. I haven't participated but have enjoyed everything I have done. (FD)
- *I think there should be more of an effort to acquaint new members with club officers. Most of them probably only know the President. We should introduce all of the officers at the beginning of each meeting.
- *Technical training-New member but very pleased with club members and activities.
- *DX films-Narrations-Technical presentations-Bunny hunts with ribbons-Tubing party-Swim party@ pot luck on a Sat.. Family activity encouraged. More social gossip-Find out if there is interest in a womens auxiliary.
- *Hidden TXMTR hunts (Bunny hunts).
- *More operating type activities, less social-Alphabetize the membership list by call or name-More input on decisions affecting the club needs to be solicited from the general membership.
- *Test instrument seminars-Eliminate the roster each month-Once a year or every six months is adequate.
- *Something amongst the ladies-I'll have to think of some activity that would interest the ladies-Sometimes I think the programs are a little long but that is probably due to the particular subject-Keep up the good work.
- *I think all officers of the club have done Great Job but we need more participation of members.
- *Technical demos-Want ads-A club station or perhaps a club rpt. on 450mhz. If a site could be found.
- *More activities that enhance amateur radio-(contests on operating??)
- *Xmitter hunts-pot luck dinner-Technical news-Business portion of meeting not business like.
- *More items for sale-I think the club officers are doing an excellent job.
- *A program on emergency preparedness, updated to include volcano watch message handling-Txmtr. hunts-Building projects for handicapped and just simple building for fun.

(this persons is continued on next page)

Would like to see some members who would like to aid others to get into DXing, showing and telling how to begin- Others to aid in working one to one with new novice or other students for code practice once a week.

*Camp-outs-Pizza and beer party-Traffic procedures-DX procedures-How radio and or TV stations work (visits?)-Public service. More public ham news-Need a bigger hall without dinner but with coffee and hor'devours for easier socializing-More committees with everyone on some sort of committee of their interest.

*I would like to see an area for smokers separate from NON smoking-The speaker in the center of the room instead of on the end.

The following will show you how Joe Amateur filled out his survey sheet. There are a few extremes but for the most part, everyone was close in their thoughts. The totals do not jibe because some sheets were not complete!! Hope that you take a few minutes to read this over and see how your own thoughts fit with Joe Amateur.....

General

- Do you belong to any other clubs. 19 Yes 35 No
- How long have you been a member of CTVARC. 1 1/4 years
- Your age 41
- Class of license General No license- 2 Novice- 8
Technician- 12 General- 21 Advanced- 11 Extra- 7

MEETINGS

- How do you rate our programs.
25 Excellent 35 Good 0 Fair 0 Poor
- Is the business portion of the meeting:
5 Too long 49 Just right 4 Too short
- NUMBER the following in order of preference.
1 Program 3 Business meeting 5 Dinner
4 Raffle 2 Socializing

ACTIVITIES

- What % of the club's activities do you attend. 20 %
- Do you feel that there should be: 14 more 39 same amount
0 fewer activities
- NUMBER the 1980 activities in order of interest.
1 field day 3 barn dance 4 halloween party
5 handi-hams 2 xmas party
- What activities would you like to have. _____
#1 Technical #2 Social

NEWSLETTER

- How do you rate the club newsletter.
42 Excellent 17 Good 1 Fair 0 Poor
- NUMBER the newsletter coverage in order of preference.
2 technical articles 3 social news 4 DX info
1 general club information
- Is the size of the newsletter 3 too large 55 adequate
1 too small
- What other subjects would you like to see in your newsletter. More technical want ads



NEWS

BULLETIN



ANOTHER (YAWN) EDITORIAL?

YEP..

CLUB SURVEY REPORT

It would be well to start this by thanking the (close to 60) people who took the time to vote and also to the 37 members who related their wants and no-wants, whether praise or outright criticism. It is crucial to the future of the club and, I feel, was a success. Your comments on rating of programs, meetings, activities and on the newsletter were also much appreciated. Rest assured that your suggestions will be honored wherever it is possible. As a matter of fact a larger, more comfortable place to meet is in effect for the next meeting. The club roster is being set alphabetically by call letter and will not be in the newsletter but available at the meetings. There will be a non-smoking table at our next meeting place. Ads are entered when someone gives us a call. A club QSO party is being looked at. Either in someones home or at Washington Square. No kidding! Your technical activity desires will be, hopefully, fulfilled through the formation of several committees. And more to come..

A few words are in order in regard to some of the more critical comments. The business portion of our meetings has been kept to a minimum, or as one member put it, non-existent, for a reason. To eliminate boredom! We have made only two major purchases of equipment and the keyer was by club vote. The tentative purchase of a tower was a decision of the Board and it is thought that the decision will be rescinded and put to a vote of the club. We have purchased mixer and ice, stamps, a blackboard for program use, rented a heater for the Halloween party and again for the Xmas party, purchased material for the rostrum and a few other small items. If the majority of the members want more businesslike meetings, we most certainly will oblige. This would not appear to be the case, judging from the survey. You elected some officers last year who have club interest at heart and have not allowed any personal interest to interfere with decisions regarding the interest of the members. A rather unique situation and, I believe, one of the reasons for our spectacular growth. We have nearly \$900.00 in the bank and this is up from next to nothing a year ago. So long as the trend continues, it is not deemed necessary to change the pattern. Your thoughts on whether or not to have more motions, voting and etc. would be appreciated. There have been some very good suggestions for technical activities this past year and again in the survey. I fully agree! We must have them. More membership input was a request. It is asked for at every meeting and also in the newsletter. Silence!! The verbal suggestions for some technical activity has to be followed up by an offer from one of the members to organize and follow through on the activity. (The new committee form should help here)

NEXT PAGE PLEASE

CLUB SURVEY REPORT-CONTINUED

There is no clique which runs the club or it's activities. So long as I am President there will be none!!!!!! This past year has been difficult because of the lack of committee help and as a result, if someone offered to run an activity, the offer was taken. Bob and Janet Dunshee offered the use of their barn for the barn dance and also for the Halloween party. They did most of the work and planning. The campout-picnic was donated and so was the Xmas party. No clique set up any of the activities.

Field Day was run by people who offered their time. The site selection was made by those people who donated a Saturday and drove all over creation looking for the right place. Guess it boils down to the old, 'you can satisfy all of the people some of the time etc. etc.' The site had everything that a club of our size needed. Three operating stations plus a novice station were there for anyone who wanted to contest. Not having been able to attend, I am not sure where the lack of fair play enters the picture. It is agreed that we bent the rules in running strings over trees ahead of time and am sure that will not be happening again.

All in all, the response was very good and very valuable. The first response listed was most likely the truest of all. 'Need to get more members motivated in 81 and the club will be perfect'. I think the motivation is there and all we lack is a push in the area of divided responsibility. With a few people willing to spend a minimal amount of time, we will have all the activity we can handle. Thank you all for your attendance and support.

Al WB7SIC

WASHINGTON SQUARE

On occasion, the people at Washington Square have an emergency service type of show. This involves the state police, sheriffs department, emergency vehicles and various other things of that nature. The promotion director for Washington Square was approached a few weeks ago and was given a pitch on amateur radio and it's contributions to the public. The response was very good and if the club would like to undertake the project, the door is open. The next scheduled show is around the first week of Oct. and will run for five days. The thought would be to have a QSO party with special QSL cards and perhaps have a second station set up with a demonstration of how to cure TVI. Maybe even the MARS people would like to take part also. Lots of possibilities with this but also lots of planning. What do you think??

RPTR NEWS

ARRG is red hot and rollin.. Tom, W7ETR, the chief engineer of the 92-32 rprr is working hard on getting the new improved version on the air. Lots of bells and whistles and some high class reliable equipment is being installed. The antenna system on South Saddle Mtn. is soon to be upgraded also. Look for more news on ARRG. It's alive and well!!!!!!

UPGRADES

Ray Delacruz, KA7JCY, one of our handicapped members, got his Tech license. Ray is blind and I wonder how some of us would do if we could'nt read notes. Nice going Ray!!! Brad Robbins, ex KA7GVH and now N7CDB, moved up to Tech. The new call looks good Brad. Congrats. Dennis Fisk, KA7GHS, obtained his General ticket. Sure feels good does'nt it Dennis? Neat going guys and if you are smart, you will not drop the study for the next grade. You forget too fast!!!

-----hop-skip-jump-news-----

We have 32 in our winter novice classes. It was too big to handle so it was split. Good idea. More personal instruction time for the students. Hear that Portland police chief Bruce Baker and wife are in our General class. How about that!

Larry, WB7RKC, just put up a new tower. Sunk the base in 11,000 pounds of concrete?? Is that right? Just how big is that tower Larry?? He must be a part owner of the Ross Island Sand and Gravel Co..

Many thanks to Jeff Asay, KB7JU, for his work on our Infernal Revenue problems. We should soon have it all done and it is hoped that weekly visits is not the outcome. Guess who gets to sign the papers!!

Dale, K7WWR, may have lost his SCM appointment but not his interest in being active. Check out his SWAP NET on 92-32, at 8:00 PM on Wednesday nites. Lot of neat stuff is being swapped and sold.

Bill, WB7NPH, did a nice job of handling the raffle ticket sales. Pretty crummy job of drawing though. Did'nt win a thing. Did you? Better look for a new man I guess. Thanks Bill. It is a real job....

Hats off to John Reed. He took our Novice class in the fall and got downcast with the code. BUT-popped right out of it and re-enlisted in the winter class. SUPER! An apple a day keeps the doctor away and an hour a day gits your new license on it's way. YUK! Practice, John..

Raun, KA7IMR, needs an Elmer to help him upgrade. Any takers? Who lives in the SE area that could spend a couple of hours a week?? How about a class Raun??

Brad Beach, no call, is in the printing business. Need some QSL cards? Give Brad a call at 645-5232. He does designs!!

Chuck Chartrey, KA7DEW, is taking a bunch of personal time to put together our computerized member roster. It will have calls by alphabet, name, phone, spouses-name, class of license and ARRL expiration date. Should be neat. The time is appreciated Chuck!!!!!! PS-Your dues standing will also be shown. This will not all be accomplished overnight but it will be done very soon.

QRM

The next newsletter may contain a congratulations for the person who contributes the most QRM to a meeting. Might even ask that person to give a talk at the following meeting on how to handle it. Takes one to know one. Chit chat after the meeting. PLEASE!!!!!!



American Radio Relay League

J.A. "Doc" Gmelin
W6ZRJ

Past Director, Pacific Division, ARRL
Honorary Vice-President

Just over 10 years ago, the ARRL Board of Directors authorized League Headquarters to contract for production of a 16mm film on the subject of Amateur Radio. This film was to be made available to amateurs, news media (especially TV stations), and others interested in Amateur Radio — partly for public relations purposes and as part of the League's overall educational program.

The film, "Ham's Wide World," was produced by Dave Bell Associates, and over the years has been widely circulated through many Amateur Radio channels. Undoubtedly, the film has been viewed by millions of people, since it has been shown over many TV stations throughout the United States. The film has been shown at probably thousands of Amateur Radio events and organizational meetings.

The first film has been followed by others produced by Bell. All have been outstanding productions.

Just how well have "Ham's Wild World" and the follow-up films done in promoting the story of Amateur Radio? Apparently very well, since during the past 10-year period we have experienced a spurt of growth in Amateur Radio population and in League membership.

But there is another aspect of this "public relations" program and use of the films Amateur Radio that may be more important than just helping Amateur Radio grow.

This is our continuing effort to educate all levels of public and governmental leaders about Amateur Radio as a worthwhile activity. We must show that we do make worthwhile use of the radio frequency spectrum we use in our Amateur Radio operations.

We have been successful in this effort thus far, as can be seen by our winning efforts at Geneva in WARC-79, where we not only generally kept our present radio bands, but gained new bands of frequencies in the HF spectrum.

But the "battle" is not yet over and we need to continue our educational efforts, especially at the local level. We need every friend we can get, especially our own next door neighbors.

How many times in the past have we heard of Amateur Radio operators as being just "a bunch of kids playing with radio?" Or those "nuts" playing at radio broadcasting? Or the guy down the block who causes nothing but a lot of TVI?

Over the years we have been successful in countering these negative images and have done well, even with the advent of CB radio, where amateurs and CBers are one in the same in the minds of many laymen.

Even so, we need to continue our efforts. Individual amateurs as well as local radio clubs and organizations can help in this effort.

Some years ago when I was living in Merced, California, the local radio club started a program to educate the local community through Amateur Radio presentations at local service club meetings. This program was highly successful, especially since the presentations were well-covered by the local press. There were articles and pictures in the local paper; but more important, many local individuals learned about Amateur Radio and, as a result, went away with a positive feeling about our activities.

This program was started over 25 years ago — long before the availability of the League's 16mm film program. The main part of the program was a demonstration of the operation of an actual Amateur Radio station.

Of course, this is even easier today, when we have many repeaters in most major metropolitan areas of the country and hand-held solid state "handy-talky" radios.

In fact, solid state electronics has made it possible to set up a working station in very limited space, and except for the problem of installing a proper antenna, it is now very easy to set up a demonstration station on even our lowest HF bands.

Today, as never before, we can demonstrate Amateur Radio to local citizens at practically any location, and the demonstrations are still one of the best ways of communicating the "Amateur Radio story" to individuals.

Certainly we should continue our efforts to interest people in becoming radio amateurs. But, more important, we want those who are not going to become "hams" to have a positive feeling towards our activities.

How can we best set up such a PR program?

Our best avenue is to work with the local radio club, and many clubs already have educational programs in effect. Over the years, many clubs have set up demonstration amateur stations at fairs and other local events, and many already make presentations at service clubs and other local organization meetings.

There is a lot of material available from League Headquarters to help in such promotional programs. Individuals, as well as radio clubs, can obtain this material by writing to ARRL and asking for it.

If your radio club does not have a PR program such as this, perhaps you can encourage the members to become active in promoting a good image of Amateur Radio in your local community.

Some amateurs have even established their own programs for presentation to local organizations, working individually to demonstrate the operation of an amateur station and telling people about Amateur Radio.

Another area not to be overlooked is going to meetings of local CB organizations, and showing the members what Amateur Radio can do as opposed to what is possible on CB.

This is not always easy, since many CBers resent the fact that so much is available to the radio amateur which is not available to them.

Another important aspect of the PR program for radio amateurs is contacting those who live in your own neighborhood.

How well do you get along with the people who live right around you? Even if you don't have TVI of any kind, do you at least project a friendly image that will lead your neighbors to at least feel your hobby is worthwhile?

We all need to work on public relations at all levels. There is much available to help even the individual radio amateur in PR efforts. Besides our PR films, there is much available written material explaining Amateur Radio to lay people.

Contact ARRL for a list of what is available and use it to help in your PR efforts. The results will pay off for you as an individual, as well as help Amateur Radio in general.

Remember, a positive image is what we need. Make sure you are not projecting a negative image. □

COMING PROGRAMS

Radio Astronomy

Pacific Islands
DX-pedition

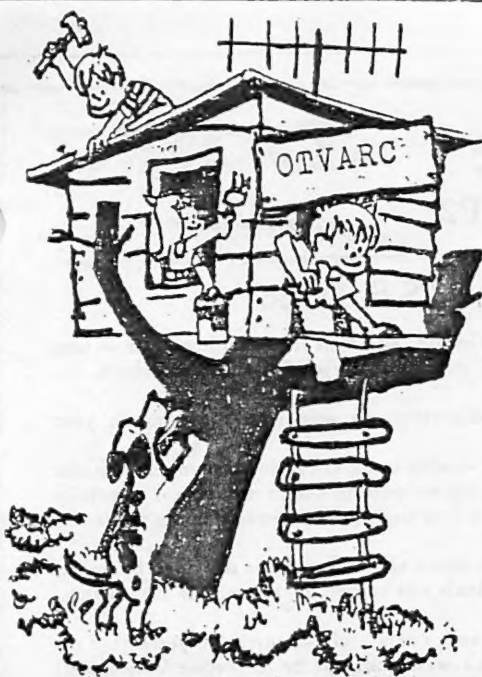
State of the art
VHF rpt systems

Mt. St. Helens
slide show

These are tentative
and not totally confirmed but very near
to being fact.

ANY suggestions or
input is more than
welcome. In other
words, HELP!!

"ARRL" Join up-
through the club...



ARRL CONVENTION-SEASIDE

Doug, W7XI and yours truly, WB7SIC, went to Seaside for a formulative meeting for the convention. The boys at the coast seem to be coming along very well on organizing the shindig. Representatives of most Portland metro area clubs were there and each club was given a duty to perform. Our club will be involved with security and this means we must come up with at least 16 volunteers who will be willing to spend three hours per day on policing the convention. More details on this later. We have also been asked to help out in operating the convention station. It

will be an ICOM setup and will be on the air 24 hours a day. This is an excellent opportunity for the club to get involved and do a real service. Also to have a great time.... I am going to help out. How about you? Bill Tatro, KA7FQX, is acting as liasion for the coast boys. Meaning that he is working as a go-between with our local clubs. We are asking that you register for the convention through the club. Send your forms to the club treasurer, Warren Knight, and he will ship them out for you. We have the possibility of having a free booth at the convention if we turn in a number of advance registrations and this could very well be used by our club.

IMPORTANT One of the hams in attendance at the meeting owns a motel. He said that he had a very heavy influx of registrations for the summer months. (his motel is in Seaside) If you intend to spend a nite or two in Seaside, you would be well advised to make motel reservations NOW. For those of you who have RV's, Camp Rilea, which has 400 spaces, is reserved for the ARRL attendees. At least that is the way we understand it. It is expected that up to 2000 people will be there. You take it from there.....

NORTHS CHUCKWAGON

Just like when we moved from Sambos to Elmers, we are asking for your support. Would like to see a record turnout and as many of you as possible having dinner. Bring the whole family, your best friend, the neighbors and anybody else you can think of. Above all, you be there. Lets make a good impression on the Chuckwagon management. We need the room and facilities and also the good will of our meeting room host.

DUES

This is your last notice. (we hope) PLEASE-send in the five dollar bill or pay at the meeting. Our treasurer is prone to ulcers. Actually, he smokes too much but lets make him happy and not be responsible for a serious attack.....

DO IT!!!!!

Beam wind resistance

Marvin Mahre, W0MGI

The following information was published by Hy-Gain Electronics Corporation. After I returned from a three-week vacation and found his 4-element tri-band beam, with a 2-meter stick above, bent over the side of the tower, maybe I should have read this item prior to leaving! Anyway, Hy-Gain says:

1. The best position is sideways to the wind. This allows the wind to only see the boom. It blows over the boom and creates a turbulence that has nothing to hit.

2. The worst position is cornerways into the wind. The wind sees the boom and all elements with turbulence hitting the second, third, etc. elements.

3. The next worst position is for the beam to point into or backwards to the wind. (Notice that Hy-Gain did not say "next to best position"). The more elements in line, the more turbulence resistance.

In any event, I have a big repair job ahead of me. I understand a good number of towers and antennas went down during the two wind storms and maybe I was just lucky that the stick bent over instead of the whole installation crashing to the ground in a pile of scrap aluminum!

The Magic of Ham Radio

by Jerrold Swank, W8HXR
\$4.95

What makes a book so interesting that you can't put it down? It's probably the skill of the author. Such an author can tell a story so masterfully that you forget you're reading a book. Instead, you visualize the story being told — page after page after page. The Magic of Ham Radio is such a book, and Jerrold Swank, W8HXR, is such an author.

I'm not really a history buff, but I found myself enjoying the experiences of the early radio inventors and developers. Jerrold obviously did a lot of research for this book because he goes on, story after story, from the beginnings of radio to today.

Somehow, Jerrold also weaves in his own story, and it is worth telling. He is an inventor in his own right, having made significant contributions to early radio.

Jerrold has been called the "Godfather of the Antarctic". He spent a lot of time in and with Antarctic expeditions. He has run thousands of phone patches for the Antarctic scientists. One chapter is devoted to this ice-bound continent, and when you read it you will feel like you were actually there.

I highly recommend The Magic of Ham Radio by Jerrold Swank, W8HXR. You'll be glad you read it.

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March 30-April 8, 1981

on Home Lines' "S.S. Doric"



- *Itinerary* — Depart Port Everglades, Florida, and visit five exciting ports — Cap Haitian, Haiti; San Juan, Puerto Rico; St. Thomas, Virgin Islands; St. John's, Antigua; and Philipsburg, St. Maarten.
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- Cruise Rates from \$1,125 per person, double occupancy plus the popular air/sea add on from your home city. You'll enjoy an outside cabin; meals and entertainment while aboard ship; and you'll have free use of the three swimming pools, exercise room, sauna and deck games.
- Home Lines' food is something to write home about. Service is provided by an experienced and trained Italian staff. Meals are served in a gracious Continental style.
- Enjoyable company of other amateurs and; every night aboard ship you'll find exciting entertainment from the Captain's welcoming party to festive Continental nights, International revues and galas. You can dance from dusk to dawn to three orchestras in as many beautiful lounges. First-run motion pictures are also offered daily in a modern theatre.
- Accommodations aboard the "S.S. Doric" are comfortable and large. Each stateroom has individually controlled air conditioning, private bathroom with tub or shower, three-channel radio and telephone.
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Send for our brochure:



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(916) 393-1913

Some of you ladies out there might not care about Ham Radio but I bet a cruise would not be objectionable! Here is a way to make the OM happy and have a good time yourself. All it takes is \$2250.00 plus spending money. WOW! What a bargain. Could hock the radio gear I suppose.... Have a good time.

PROGRAM-PROGRAM

JIM SULLIVAN, W7EJ, WILL BE GIVING US OUR PROGRAM. HE HAS A DX-PEDITION SHOW THAT IS OUT OF SIGHT. HOW ABOUT A TRIP TO THE ISLES OF TRUK AND ST. PAUL?? HE AND W7ZR, WHO IS AN AVID DX TRIP MAN, AND SOME OTHERS, WILL BE FEATURED. ALONG WITH LOTS OF PICS OF THE ISLANDS AND OF THE STATION OPERATION. NO LONG DISSERTATION ON SAILING WITH THIS ONE. ALL AMATEUR RELATED!!! GET TO NORTHS EARLY AS THE PROGRAM IS RATHER LENGTHY AND WE WILL HAVE TO GET STARTED ON TIME.... JIM HAS DONE A VERY GOOD JOB OF PUTTING THIS PROGRAM TOGETHER SO LETS GIVE HIM THE BEST TURNOUT WE CAN. A LARGE GROUP WOULD HELP WITH THE IMPRESSING OF NORTHS MANAGEMENT AS WELL!!

CU AT THE MEETING
BEST 73



JUNE 5, 6, 7 — 1981

1981
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There will be a prize for the largest clam dug.

~~Linda Carantino
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